

Circuit and method for data transmission between LPC devices

ABSTRACT

The present invention provides a circuit system for data transmission
5 between LPC devices, comprising: a first LPC bus, connected to a first
LPC device; a second LPC bus, connected to a second LPC device; and an
LPC host controller, able to drive the first LPC device through the first
LPC bus and the second LPC device through the second LPC bus; wherein
the LPC host controller further comprises an address register. The present
10 invention further provides a method for data transmission between LPC
devices, comprising the steps of: starting a first cycle through a first LPC
bus by an LPC host controller, wherein a first LPC device sends a request
to have a transaction with a second LPC device, and inserting a plurality of
wait states after the request is received by the LPC host controller; and
15 starting a second cycle through a second LPC bus by the LPC host
controller, wherein the LPC host controller has a transaction with the
second LPC device according to the request from the first LPC device.